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RadioShack®
www.radioshack.com℠

Executive Desktop Calculator

with Calendar, Alarm, and Data Bank

Owner's Manual
Please read before using this equipment.

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❒ Features

Your RadioShack Executive Desktop Calculator combines several reference tools into one easy-to-use package. The data bank is ideal for home or business use, for students, or anyone with an active lifestyle.

Its other features include:

Metallic Folding Case — protects the data bank's keypad and looks elegant on any desk.

Large Liquid Crystal Display — lets you easily read records.

12-Digit Calculator — performs standard arithmetic calculations.

32-City World Time — shows you the current time in 20 time zones around the world.

Phone Directory — puts names and phone numbers at your fingertips.

Measurement Converter — lets you convert measurements from English to metric and vice versa.

Currency Converter — makes it easy to convert between currencies.

2K Memory — gives you ample space for storing phone numbers and schedules.

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Schedule Alarm — reminds you of meetings and other important events.

199-Year Calendar — lets you view one month at a time from January 1901 to December 2098.

Key Tone — lets you set the data bank to sound a tone each time you press a key.

Daily Alarm — sounds daily at a time you set.

Important: RadioShack Corporation assumes no responsibility for any loss or claims that might arise through use of this data bank or for damages incurred as a result of information loss due to malfunctions, repairs, battery replacement, or misuse. You should maintain physical records of important information to protect against such loss.

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❒ *Preparation*

REMOVING THE BATTERY INSULATION STRIP

To prevent battery drain during shipping, your data bank is shipped with an insulation strip that you must remove before use. Firmly grasp the slip and gently pull it out. The data bank beeps. **RESET?** and ♪ appear. Press **=/Enter**. **RESET!** and **CAPACITY 2000** briefly appear.

TURNING THE DATA BANK ON/OFF

Press **POWER** to turn on the data bank. Press **POWER** again to turn it off.

USING THE KEY TONE

Your data bank is preset to sound a tone each time you press a key. ♪ appears when the key tone is on. Repeatedly press ♪ to turn the key tone on or off. ♪ appears when the key tone is on.

Note: When you reset the data bank, the key tone defaults to on.

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❒ *Setting Home/World Times*

SETTING/VIEWING THE HOME DATE/TIME

There are 32 cities listed in the data bank. Select your city (or one in the same time zone) as your home time.

When you set the time and date for your home time zone, all other world times are set automatically.

Using the △ or ▽ Keys to Set the Home Date/Time

1. Press 🕘 then **SET**. **LONDON** flashes.
2. Repeatedly press △ or ▽ until the desired city appears.
3. Press **=/Enter** to store the setting.

   Note: If you select an incorrect city, press **C/CE**/**Clear**, then start again from Step 1.

4. Use the number keys to enter the year, month, and date on the first line, and the current hour and minute digits on the second line.

   Note: If the information you enter is invalid, repeatedly press **M+/→** or **M–/←** to move to the digit you want to change. The selected digit flashes. Then use the number keys to enter the correct digit.

5. Press **SUMMER/AM/PM** to specify an AM or PM hour. (**P** appears to indicate a PM hour.)

6. Press **=/Enter** to store the setting. The day of the week automatically appears based on the date you set.

Notes:

- In the calendar display, SUN represents Sunday.
- If you enter invalid information (for example, you enter 15 for the month), **ERROR!** briefly appears, then the selected home city flashes, repeat Steps 3–6 to enter the correct information.
- Press **SUMMER/AM/FM** to turn daylight saving time on or off. **SUMMER** appears when daylight saving time is on.
- Press **%/12/24** at any time to toggle between the 12- or 24-hour time formats.

Setting Home Time by the City Buttons

1. Press 🕘. **LONDON** appears briefly.
2. Press the desired city button (such as **Hong Kong/6**), then press **SET**.
3. Press 🕘 then **SET**. The stored city names flashes.
4. Press **=/Enter**.

5. Use the number keys to enter the year, month, and date on the first line, and the current hour and minute digits on the second line.

   Note: If the information you enter is invalid, repeatedly press **M+/→** or **M–/←** to move to the digit you want to change. The digit you select flashes. Then use the number keys to enter the correct digit.

6. Press **SUMMER/AM/PM** to specify an AM or PM hour, if using the 12-hour time format. (**P** appears to indicate a PM hour.)

7. Press **=/Enter** to store the setting. The day of the week automatically appears based on the date you set.

To view the home date and time at any time, press 🕘.

VIEWING WORLD TIMES

To view the time and date in any of the 32 preset world cities, press the city name buttons. Or, press 🌐. The date and time in the last selected city appear. Repeatedly press △ or ▽ to select the desired city. The time and date for the selected city's time zone appear for about 60 seconds, then the display returns to your home time.

Time Zone	City	Time Zone	City
–10	Honolulu	+03	Moscow
–09	Anchorage	+04	Teheran
–08	Los Angeles		Dubai

Time Zone	City	Time Zone	City
–07	Denver	+05	Kabul
–06	Chicago		Karachi
–05	New York	+06	Delhi
	Toronto		Dhaka
–04	Caracas	+07	Yangon
–03	Rio De Janeiro		Bangkok
+02	Helsinki	+08	Hong Kong
	Cairo		Singapore
	Istanbul		Beijing
GMT	London	+09	Tokyo
+01	Paris	+10	Adelaide
	Rome		Sydney
	Berlin	+12	Wellington

To turn Daylight Saving Time on or off, repeatedly press **SUMMER/AM/PM**. **SUMMER** appears when daylight saving time is on.

Note: Not all cities use daylight saving time.

VIEWING THE CALENDAR

You can view the calendar for the years from January 1901 to December 2098. To flip through the calendar one month at a time, press 🕘, then repeatedly press (or hold down) △ or ▽. To return to the current clock/calendar display, press 🕘.

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Note: After the last key entry, the data bank automatically returns to the current clock/calendar display within 15 seconds.

USING THE ALARM

You can set the data bank to sound an alarm to remind you of a daily event (such as a meeting, for example). Follow these steps to set the alarm time. When the daily alarm is turned on, the data bank beeps for about 1 minute (even if the data bank is turned off) and ⏰ flashes. Press any key to silence the alarm sooner. The alarm sounds again the next day at the set time.

Note: Because pressing any key turns off the alarm, the alarm might not sound if you enter information at the alarm time.

1. Press ⏰. The current time, **ALARM OFF** and **12-00** (or the last set alarm time) appear.
2. Press **SET**. **ALARM SET** appears and the alarm time's first digit flashes.
3. Use the number keys to enter the alarm time and repeatedly press **SUMMER/AM/PM** to set the desired AM or PM hour, if using the 12-hour time format. **P** appears for a PM hour.
4. Press **=/Enter** to store the alarm time.
5. Repeatedly press ⏰ or ♪ to turn the alarm on or off. ⏰ appears when the alarm is on.
6. Press 🕘 to return to the current time.

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❒ Entering Data/Using Records

You enter data in the phone and schedule modes the same way.

- To enter a space, press **•/Space**.
- If you enter an incorrect letter, press **M+/→** or **M–/←** to move the cursor to the position of the incorrect letter, then enter the correct letter.
- **MEMORY FULL** appears if no storage space is available. Delete outdated phone and schedule records to free additional storage space. See “Deleting Records” on Page 17.
- Repeatedly press **MR/CIT$** until the desired symbol appears: @ # $ £ ¥ ( ) ~ , : / \ _ &. To select the symbol, press **M+/→**.
- To enter only numbers on the subject line, press **Shift** twice. **SHIFT** and **LOCK** appear. Enter the desired numbers. Press **Shift** again to clear the shift lock.

Use the number keys to enter letters and numbers. The following chart explains how many times to press a key to enter a specified letter or number.

Letter and Number Chart

You Press	Number of Times			
	1	2	3	4
	To Enter			
1	A	B	C	1
2	D	E	F	2
3	G	H	I	3
4	J	K	L	4
5	M	N	O	5
6	P	Q	R	6
7	S	T	U	7
8	V	W	X	8
9	Y	Z	9	

The display shows to up 10 characters and 12 digits at a time. If → or ← appears on the display, press **M+/→** or **M–/←** to view the characters and digits that have scrolled off the display.

USING THE PHONE DIRECTORY

Note: The data bank stores names alphabetically, so you might want to enter the last name first.

You can store contacts' names and telephone or fax numbers in the phone directory. Each phone directory record consists of a subject line (for storing data such as the contact and/or company name) and a telephone number line. The data bank can store up to 36 phone records, each with a 30-character name

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and a 36-digit telephone number. (You can store more records, provided the name and telephone number are both less than 30 characters long.)

Storing Phone Records

1. Press . **NAME?** and the amount of available memory appear (If no records are recorded, **2000** appears instead).

2. Enter the contact's name. Refer to the "Letter and Number Chart" on Page 13.

3. Press **=/Enter**. The cursor moves below the name you entered.

4. Enter the contact's phone number, then press **=/Enter**. **STORED!** appears briefly.

After storing a record, the amount of remaining memory appears. Repeat Steps 2–4 to store another phone record.

USING SCHEDULE ALARMS

You can store a message and set the schedule alarm to sound at the time you want. When the schedule alarm is turned on, the data bank beeps for about 1 minute at the set alarm time and displays the stored date, and time. Press any key to silence the alarm sooner.

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Notes:

- Because pressing any key turns off the alarm, the schedule alarm might not sound if you are entering information precisely at the set schedule alarm time.
- If the schedule alarm sounds while you are entering information, the information you entered might not be stored.
- Although the schedule records' subject line can be up to 30 characters long, the data bank can only display 10 characters of that line at a time. If → or ← appears on the display, this means the subject line is longer than 10 characters. To view the rest of that line, press **M+/→** or **M–/←**.

Storing Schedule Alarm Records

1. Press . **SCHD? OFF**, the current time, and the amount of available memory appear.
2. Enter the desired schedule reminder information (such as the event or meeting name) you want to store.
3. Press **=/Enter** to move to the cursor to the second line.
4. Use the number keys to enter the alarm date and time. (Press **SUMMER/AM/PM** for PM, if necessary.)
5. Press **=/Enter** to store the reminder. **STORED!** appears briefly, then the **SCHD?** prompt reappears.
6. Repeatedly press ♪ or to turn the schedule alarm on or off. appears when the schedule alarm is on.

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RECALLING RECORDS

The data bank stores phone records alphabetically and schedule records chronologically.

Recalling Phone Records

To recall a phone record, you can either browse through all stored phone directory records until you find the one you want, or you can search for a specific record.

To scroll through all stored phone records, press . **NAME?** and the amount of available memory appear. Repeatedly press △ or ▽ until the desired phone record appears.

To recall a specific phone record, press . **NAME?** and the amount of available memory appear. Enter the first few characters of the desired record's name, then press △ or ▽. The data bank displays the first phone record that starts with the character(s) you entered.

Notes:

- If no record starts with the character(s) you entered, **NOT FOUND!** appears briefly, then the **NAME?** prompt reappears.
- If more than one record starts with the character(s) you entered, press △ or ▽ to scroll forward or backward through the matching entries.

Recalling Schedule Alarm Records

1. Repeatedly press . **SCHD? ON** or **SCHD? OFF** appears.

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2. Repeatedly press ▽ to scroll forward through the alarms or △ to return to the first alarm.

Note: NOT FOUND! appears if no schedule alarm record is stored.

EDITING RECORDS

Note: If you make a mistake when editing, simply press and start over again at Step 1. To exit the editing mode, press .

1. Recall the phone or schedule directory record you want to edit.
2. Press **Shift**. **SHIFT** appears.
3. Press **M+/→** or **M–/←** to move to the specific character(s) you want to change, then type over the characters.
4. Press **=/Enter** to move the cursor to the second line.
5. Press **M+/→** or **M–/←** to move to the specific digit(s) you want to change, then enter the correct digits.
6. Press **=/Enter** to store the setting. **STORED!** appears briefly.

DELETING RECORDS

1. Recall the phone or schedule record you want to delete.
2. Press **Shift** then **C/CE/Clear**. **DELETE?** appears.

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3. Press **=/Enter** to delete the record. **DELETE!** appears briefly. Otherwise, press any other key.

Note: You can delete all phone and schedule directory records at one time. See “Resetting the Data Bank” on Page 26.

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❒ *Using the Calculator*

To use the data bank's calculator function, press **CAL/AC**. **CALCULATOR**, the current time, and **0.** appear.

The calculator performs standard arithmetic calculations like any other calculator. Simply press the numbers and operators in the order they appear in the arithmetic operation.

CORRECTING ENTRY ERRORS

If you enter an incorrect value, press **C/CE/Clear** once. Then enter the correct value and continue your calculation.

If you press an incorrect operator (+, –, ×, ÷), simply press the correct key and continue your calculation.

To clear the display for a new calculation, press **C/CE/Clear** twice so **0.** appears, then begin the new calculation.

ERROR MESSAGE

E (error) appears in the lower left corner when:

- A calculation result exceeds 12 digits to the left of the decimal point. This is an overflow error (see "Estimating Calculation Results" on Page 20).
- You try to divide by 0.
- A memory calculation exceeds 12 digits (the memory contents remain unchanged).

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If this happens, press **C/CE/Clear** twice to clear the display.

Estimating Calculation Results

If you perform an operation that results in an overflow error, you can estimate the correct result (to 12 significant digits) by following these steps.

1. Count the number of digits displayed to the left of the decimal point.
2. Remove the decimal point.
3. Add as many zeros to the right of the number there were digits to the left of the decimal point.

For example, if **E 1.23456789012** appears, the estimated answer is 1,234,567,890,120.

MEMORY CALCULATIONS

To store a value in memory, first press **MR/CIT$** (memory recall) then **MC** (memory clear) to clear the memory. Press **C/CE**/**Clear** to clear calculations.

To add a value to memory, enter the number or calculation you want to add, then press **M+**. The data bank totals the current calculation (if one is pending) and adds that value to memory.

Note: M appears to show that a value is stored in memory.

To subtract a value from memory, enter the number or calculation you want to subtract, then press **M–**. The data bank totals

the current calculation (if one is pending) and subtracts that value from memory.

To recall the value from memory, press **MR/CIT$**. The memory value appears.

To clear the contents in memory, press **MR/CIT$** then **MC** so **M** disappears.

CONVERSION

The data bank performs two different types of conversions — currency and units of measurement.

Currency Conversion

You can use your data bank to store exchange rates and convert between five pairs of currencies. If you do not know the exchange rates, check with a local bank.

The pre-programmed exchange pairs are:

Abbreviation	Currency
EURO→FRF	Euro Dollar and French Franc
USD→GBP	U.S. Dollar and Sterling
USD→DEM	U.S. Dollar and German Deutschmark
USD→FRF	U.S. Dollar and French Franc
EURO→JPY	Euro Dollar and Japanese Yen

Or, you can store your own exchange pairs. Follow these steps to convert currencies.

1. Press **CONV** once. **EUR0→FRF** appears.
2. Repeatedly press △ or ▽ to select the desired currency pair to be converted.
3. Press **SET**.

   If you want to change the currency name(*s*), enter the new currency name on the left, then press **=/Enter**. Enter the new currency name on the right and press **=/Enter**.

   If you do not want to change the currency name(*s*), press **=/Enter** twice so the cursor moves to the exchange rate position (bottom right of the display).

   Note: You can press **MR/CIT$** to select the symbol you need when editing currency names. (See "Entering Data/ Using Records" on Page 12.
4. Enter the exchange rate. For example, if there are 1.5 U.S. dollars to the French Franc (**USD→FRF**), enter **1.5**. Then press **=/Enter**.
5. Press **M+/→** or **M–/←** to select the direction of the conversion (from U.S. dollars →, or to U.S. dollars ←).
6. Enter the amount to be converted, then press **=/Enter**. The converted amount appears.

The currency names and exchange rates you enter remain stored until you reset the data bank.

Metric Conversions

The data bank can convert between the following units of measurement:

Abbreviation	Units
INCH→CM	inch to centimeter
GAL→L UK	gallon to liter (UK)
GAL→L US	gallon to liter (US)
LB→KG	pound to kilogram
OZ→GRAM	ounce to gram
FT→M	foot to meter
C→F	Celsius to Fahrenheit
MILE→KM	mile to kilometer
YARD→M	yard to meter

1. Press **CONV** twice.
2. Repeatedly press △ or ▽ to select the desired units pair.
3. Press **M+/→** or **M–/←** to select the desired direction of the conversion. The conversion rate appears.
4. Enter the amount to be converted, then press **=/Enter**. The converted number appears.

For example, if you want to convert 15 yards to meters:

You Press	You See
CONV CONV	`INCH→CM`
▽	`YARD→M`
1 5	`15.`
=/Enter	`YARD→M` `13.716`

Note: You can convert any temperature (except 0°) from and to Fahrenheit and Celsius.

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❒ Care

Keep the data bank dry; if it gets wet, wipe it dry immediately. Use and store the data bank only in normal temperature environments. Handle the data bank carefully; do not drop it. Keep the data bank away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the data bank's internal components can cause a malfunction and might invalidate its warranty. If your data bank is not performing as it should, take it to your local RadioShack store for assistance.

REPLACING THE BATTERY

Your data bank comes with one CR2025 lithium battery for power. When the display dims, the sound becomes weak or distorted, or the data bank does not work properly, replace the battery. For the best performance and longest life, we recommend RadioShack batteries.

Caution: Use only a fresh battery of the required size and recommended type.

1. Use a screwdriver to remove the screw on the battery compartment cover, then lift off the cover to remove it.

2. Use a small flat-blade screwdriver to push the old battery out of the battery holder.

   Caution: Avoid scratching the printed circuit board.

3. With the positive (+) side facing up, slide the new battery into the battery holder.

4. Replace the cover and secure it with the screw.

Warnings:

- Keep button-cell batteries away from children. Swallowing a button-cell battery can be fatal.

- Dispose of old batteries promptly and properly. Do not burn or bury them.

Caution: If you do not plan to use the data bank for a month or longer, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

RESETTING THE DATA BANK

Warning: Resetting the data bank deletes all stored information.

If your data bank stops operating properly or if you want to clear all records in the data bank, use a pointed object, such as a straightened paper clip, to press **RESET** on the bottom of the data bank. The data bank beeps. **RESET?** and ♪ appear. Press =/**Enter**. **RESET!** and **CAPACITY 2000** briefly appear.

If you decide not to reset the data bank, press any other key.

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❒ Specifications

Display ..... Liquid Crystal

Power Source ..... One CR2025 Lithium Battery

Battery Life ..... About 192 Days

Operating Temperature ..... 32° to 109°F
(0° to 43°C)

Dimensions (HWD) ..... $4^{9}/_{16} \times 6^{5}/_{16} \times {}^{15}/_{16}$ in
(115 × 161 × 23 mm)

Weight (with Battery) ..... 7.2 oz
(204 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

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Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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